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II. AMENDMENT TO THE CLAIMS

**COMPLETE LIST OF CLAIMS THAT ARE OR HAVE BEEN BEFORE THE OFFICE
AFTER ENTRANCE OF THE AMENDMENTS MADE HEREIN**

The following claims constitute a complete list of claims that are or have been before the office after entrance of the amendments made herein. Amendments to the claims are indicated in accord with Revised 37 C.F.R. §1.121. In accord with such regulation, the listing of claims set forth below replaces all prior versions, and listings, of claims in the application:

**--CLAIMS AS PENDING IN THE APPLICATION WITH AMENDMENTS MADE
HEREIN START ON NEXT PAGE--**

1. – 11. (CANCELLED)

12. (CURRENTLY AMENDED) A deformable bone implant for insertion into a bone canal ~~comprising according to claim 35,~~

a surface defining a bone engaging interface portion supported by a support core;

a plurality of resiliently deformable support elements oriented in longitudinal rows along the interface portion and protruding from the interface portion;

wherein the plurality of deformable support elements are structurally configured to allow for a press fit between said implant and the bone canal such that the implant conforms to and fits snugly within the bone canal;

wherein the plurality of resiliently deformable support elements comprise protrusions that are operatively configured to deflect during insertion of the implant into the bone canal and to exert force against said bone canal after deflection when said implant is affixed in said bone canal; and

wherein ~~further comprising~~ an adjustable cable is operatively associated with said resiliently deformable support elements in a manner permitting adjustment of tension in the resiliently deformable support elements to thereby adjust stiffness and/or curvature of the implant.

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13. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 12, wherein the adjustable cable is supported above the surface of at least one of said resiliently deformable support elements.

14. **(CURRENTLY AMENDED)** A deformable bone implant according to claim 12 [[35]], further comprising a plurality of adjustable cables operatively associated with said resiliently deformable support elements in a manner permitting adjustment of [[a]] tension in the resiliently deformable support elements to thereby adjust stiffness and/or curvature of the implant.

15. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 14, wherein the adjustable cables are tensioned to a different degree from one another.

16. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 14, wherein the adjustable cables are operatively configured with respect to the resiliently deformable structural elements to allow tension in the cables to be adjusted before, during, and/or after implantation of the bone implant.

17. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 14, wherein the implant has different degrees of rigidity along the implant.

18. – 35. **(CANCELLED)**

36. **(CURRENTLY AMENDED)** A bone implant according to claim 12 [[35]], wherein said implant is coated at least in part about said [[a]] surface of the implant with a bone growth promoting agent.

37. – 57. **(CANCELLED)**

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58. **(CURRENTLY AMENDED)** A deformable bone implant ~~according to claim 57,~~
comprising a surface defining a bone engaging, resiliently deformable interface portion
supported by a resiliently deformable support core and comprising a plurality of resiliently
deformable support elements ~~wherein there exist~~ attached to a plurality of adjustable cables.

59. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 58,
wherein each cable is tensioned to a different degree than the other.

60. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 58,
and operatively configured to be adjustable before, during, and after implantation of the bone
implant.

61. **(PREVIOUSLY PRESENTED)** A deformable bone implant according to claim 58,
wherein the tension in the adjustable cables is adjusted to provide for a variable rigidity to the
bone implant.

62. **(NEW)** A deformable bone implant according to claim 58, wherein the implant
surface comprises bone engaging protrusions.

63. **(NEW)** A deformable bone implant according to claim 58, wherein the implant
surface comprises a coating comprising a growth promoting agent.